

Amendments to the Specification:

Please replace the paragraph beginning at page 6, line 24, with the following redlined paragraph:

As shown in Figure 1, a holographic recording and reproducing apparatus 100 according to this embodiment includes a laser beam source 101 for emitting a laser beam for recording data or reproducing data, a beam expander ~~+0+~~102 for expanding a laser beam emitted from the laser beam source 101, a beam splitter 103 for splitting the expanded laser beam, a spatial light modulator (SLM) 104 disposed on an optical path of one of laser beams generated by splitting the laser beam by the beam splitter 103, a Fourier transform lens 105, a reverse Fourier transform lens 106 and a CCD image sensor 107.

Please replace the paragraph beginning at page 7, line 15, with the following redlined paragraph:

The laser beam source 101 is adapted to generate a signal beam and a reference beam and is constituted by a combination of a YAG laser beam source and a Second Harmonic Generation (SHG) laser beam~~an SHG~~, for example.

Please replace the paragraph beginning at page 8, line 20, with the following redlined paragraph:

On the other hand, the reference beam passes through the first ~~lens-mirror~~ 108 and the second ~~lens-mirror~~ 109, whereby the advancing direction thereof is altered. The reference beam further passes through the Fourier transform lens 110 and impinges on the holographic recording medium 111.

Please replace the paragraph beginning at page 13, line 5, with the following redlined paragraph:

The function of a spatial filter can be added to the holographic recording and reproducing apparatus 400 by providing the pinhole ~~301~~401 at the confocal point of

the Fourier transform lens 105 and the reverse Fourier transform lens 106, and it is therefore possible to remove a noise component of a signal beam when data are recorded.